

ABSTRACT

The invention discloses a method of sending a download status indicator 320 depicting the status of a data transfer between a sending device and a receiving device. The invention is suitable for use with short range radio communication technologies including Bluetooth short range connection technology. In an embodiment of the invention, the invention is employed within a Bluetooth information Kiosk environment. In the embodiment, a Kiosk 100 establishes a connection 300 with a plurality of handheld devices (102,103,104) using the Object Exchange (OBEX) protocol. The download status indicator is estimated, for example, by the Kiosk 100 from models generated from usage statistics collected from previous data transfers. The download status indicator and related information is sent in an Application Parameters header 310 comprising of a plurality of triplets and is updated repeatedly in subsequent Application Parameters headers. The download status indicator is represented in picture format and takes the form of, for example, a progress bar displayed on the receiving device depicting the amount of data successfully downloaded.

Figure 1

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